

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



Attorney's Docket No. 5649-1202

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Se-Jin Ahn, et al.
Serial No.: 10/696,615
Filed: October 28, 2003
For: SEMICONDUCTOR MEMORY DEVICES HAVING OFFSET TRANSISTORS
AND METHOD OF FABRICATING THE SAME

Date: February 10, 2004

Office of Patent Legal Administration
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION UNDER 37 C.F.R. § 1.10(e)

Sir:

As set forth in 37 CFR 1.10(c) and MPEP § 506.02, Applicant hereby petitions to grant the proper filing date of October 28, 2003 rather than October 29, 2003 for the above-identified patent application as this was the date the application was deposited as "Express Mail" in the U.S. Postal Service. The following is enclosed as evidence of October 28, 2003 being the correct filing date for the application, which was properly filed under 37 C.F.R. § 1.10:

1. A true and accurate copy of the Cover Sheet for the Application showing the Express Mail signature and date on Page 2; and
2. A true and accurate copy of the Express Mail Pickup Service Statement dated October 28, 2003.
3. A true and accurate copy of the official United States Postal Service (USPS) Track and Confirm page, confirming deposit with the USPS at 5:30 p.m. on October 28, 2003.

This petition is being filed promptly after applicant became aware of the improperly accorded filing date. Accordingly, Applicant respectfully requests the granting of October 28, 2003 as the filing date pursuant to 37 CFR 1.10.

On the basis that Applicant properly followed the requirements of 37 CFR § 1.10 and the USPTO failed to accord the proper filing date under MPEP § 505 and thus the need to file this petition is due to error on the part of the USPTO, it is applicant's belief that no fee is due



Inventor: Se-Jin Ahn et al.
Serial No.: 10/696,615
Filed: October 28, 2003
Page 2 of 2

with this petition. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

D. Randal Ayers
Registration No. 40,493

USPTO Customer No. 20792
Myers Bigel Sibley & Sajovec, P.A.
Post Office Box 37428
Raleigh, North Carolina 27627
Telephone: (919) 854-1400
Facsimile: (919) 854-1401

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Office of Patent Legal Administration, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 10, 2004.

Michele P. McMahan



FEB 12 2004

PATENT & TRADEMARK OFFICE 95



EV 353593238 US

ORIGIN (POSTAL USE ONLY)

| | | |
|--|---|---|
| PO ZIP Code <i>27622</i> | Day of Delivery <input checked="" type="checkbox"/> Next <input type="checkbox"/> Second | Flat Rate Envelope <input type="checkbox"/> |
| Date In Mo. Day Year | Postage <i>1365</i> | |
| Time In <input type="checkbox"/> AM <input type="checkbox"/> PM | Military <input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day | |
| Weight lbs. ozs. | Int'l Alpha Country Code | COD Fee <input type="checkbox"/> Insurance Fee <input type="checkbox"/> |
| No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday | Acceptance Clerk Initials <i>JMW</i> | Total Postage & Fees <i>\$ 1365</i> |

CUSTOMER USE ONLY

METHOD OF PAYMENT: *X 276081*

Express Mail Corporate Acct. No.

| | |
|---|-------------------------------|
| FROM: (PLEASE PRINT) <i>MYERS BIGEL SIBLEY & SAJOVEC</i> | PHONE (<i>919 854 1400</i>) |
| PO BOX 37428 RALEIGH | NC 27627-7428 |
| 5649-1202 DRA/mpm <i>1028/03</i> | |

PRESS HARD.

You are making 3 copies.

FOR PICKUP OR TRACKING CALL 1-800-222-1811 www.usps.com



Customer Copy

Label 11-F June 2002



Post Office To Addressee

DELIVERY (POSTAL USE ONLY)

| | | |
|------------------|---|--------------------|
| Delivery Attempt | Time | Employee Signature |
| Mo. Day | <input type="checkbox"/> AM <input type="checkbox"/> PM | <i>007 007 20</i> |
| Delivery Attempt | Time | Employee Signature |
| Mo. Day | <input type="checkbox"/> AM <input type="checkbox"/> PM | <i>007 007 20</i> |
| Delivery Date | Time | Employee Signature |
| Mo. Day | <input type="checkbox"/> AM <input type="checkbox"/> PM | <i>007 007 20</i> |

WAIVER OF SIGNATURE Delivery Clerk may make delivery without obtaining signature of addressee or addressee's agent if delivery employee judges that article can be left in secure location and authorizes that delivery employee's signature constitutes valid proof of delivery.

NO DELIVERY Weekend Holiday Customer Signature *276081*

Federal Agency Acct. No. or
Postal Service Acct. No.

TO: (PLEASE PRINT)

PHONE (*1028/03*)

*M.S. Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450*



MS. Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

DRA/mpr

Date: 10/28/03

Doc. No. 5649-1202

11-07-03 A09:1 Serial No. TBA

Inventor: Ahn et al.

Sir: Kindly acknowledge receipt of the accompanying items listed below

by placing your receiving stamp hereon and return mailing:

Application Transmittal and: Check \$1,546.00 and \$40.00
 Specification pages 18 IDS & PTO-1449 & refs.
 No. of Claims 44 Amendment & Amend. Transmittal
 Declaration & POA - copy Preliminary Amendment
 Assignment and Fee - copy Issue Fee
 Small Entity Statement Brief
 Formal Drawings/ 13 sheets Appeal
 Associate Power of Attorney Submittal of Priority Doc. O
 Exp. Mail 1st Class Mail
Other:

Respectfully submitted,
MYERS BIGEL SIBLEY & SAJOVEC, P.A.
Attorneys for Applicant

031088 U.S. PTO
10/696615
102903

[Home](#)

Track & Confirm

Shipment Details

You entered EV35 3593 238U S

Your item was delivered at 9:43 am on October 29, 2003 in ALEXANDRIA, VA 22313 to PATENT OFFICE. The item was signed for by J STECKEL.

Here is what happened earlier:

- ARRIVAL AT UNIT, October 29, 2003, 7:45 am, DULLES, VA 20102
- ENROUTE, October 28, 2003, 6:45 pm, RALEIGH, NC 27623
- ACCEPTANCE, October 28, 2003, 5:30 pm, RALEIGH, NC 27612

Notification Options

► [Track & Confirm by email](#)

[What is this?](#)



► [Request Proof of Delivery](#)

[What is this?](#)



Track & Confirm

Enter label number:



Track & Confirm FAQs



POSTAL INSPECTORS
Preserving the Trust

[site map](#) [contact us](#) [government services](#)
Copyright © 1999-2002 USPS. All Rights Reserved. [Terms of Use](#) [Privacy Policy](#)





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

ATTY DOCKET NO.: 5649-1202
DATE: October 28, 2003

**UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR § 1.53(b))**

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR § 1.53(b) is:

a patent application
 a Continuation a Divisional a Continuation-in-Part (CIP) Application of prior application no.: _____; filed _____, the disclosure of which is incorporated herein by reference in its entirety.
 and claims priority to Korean Patent Application Serial No. 2002-66086; filed October 29, 2002.

Inventor(s) or Application Identifier:

Su-jin Ahn; Se-ho Lee; All of the Republic of Korea

Entitled: **SEMICONDUCTOR MEMORY DEVICES HAVING OFFSET TRANSISTORS AND METHODS OF FABRICATING THE SAME**

Myers Bigel Sibley & Sajovec, P.A.
P. O. Box 37428
Raleigh, North Carolina 27627
Telephone: (919) 854-1400
Facsimile: (919) 854-1401
Customer No. 20792

Enclosed are:

1. Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. 28 pages of Specification (including 44 claims)
3. 13 sheet of Formal Drawings (35 USC 113)
4. Oath or Declaration
 - a. newly executed (*original or copy*)
 - b. copy from prior application (37 CFR 1.63(d)) (*for continuation/divisional*) [Note Box 6 Below]
 - c. DELETION OF INVENTOR(S) (*Signed statement deleting inventor(s) named in the prior application*)
5. Application Data Sheet. See 37 CFR 1.76
6. Incorporation By Reference (*useable if box 4b is checked*)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
7. Microfiche Computer Program (*Appendix*)

8. Assignment papers (*cover sheet(s) and document(s)*)
 9. Applicant claims small entity status. See 37 CFR § 1.27.
 10. Information Disclosure Statement, PTO-1449, and _____ references cited
 11. Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
 12. English Translation Document
 13. Certified Copy of Korean Application No.; Filed 14. Sequence Listing/ Sequence Listing
 Diskette
 a. computer readable copy
 b. paper copy
 c. statement in support
 15. An Associate Power of Attorney
 16. Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
 17. Other:

The fee has been calculated as shown below:

| | Column 1 No. Filed | Column 2 No. Extra | Small Entity Rate | Large Entity Rate |
|---|-----------------------|-----------------------|----------------------|------------------------|
| BASIC FEE | | | \$375.00 | \$ 770.00 |
| TOTAL CLAIMS | 44 - 20 = | 24 | x 09 = \$ | x 18 = \$432.00 |
| INDEP CLAIMS | 7 - 3 = | 4 | x 44 = \$ | x 86 = \$344.00 |
| <input type="checkbox"/> MULTIPLE Dependent Claims Presented | | | + 140 = \$ | + 280 = \$ |
| <i>If the difference in Col. 1 is less than zero, Enter "0" in Col. 2</i> | | | Total \$ | Total \$1,546.00 |

A check in the amount of \$ to cover the filing fee is enclosed.
 A check in the amount of \$1,546.00 is enclosed to cover the filing fee and a check in the amount of \$40.00 to cover the Assignment Recordation fee is enclosed.
 Please charge my Deposit Account No. 50-0220 in the amount of \$
 The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:
 a. Additional filing fees under 37 CFR 1.16 for presentation of extra claims.
 b. Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

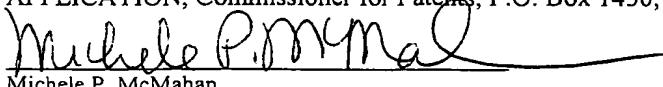

 D. Randal Ayers
 Registration No. 40,493

CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EV 353593238US

Date of Deposit: October 28, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


 Michele P. McMahan

EV353593238US